

REVENUE REPORT

ON

The Irrigation Works of the Ajmer-Merwara District

For the year 1922-23



DELHI
GOVERNMENT CENTRAL PRESS
1924.



RAJPUTANA PROVINCE.

Public Works Department.

IRRIGATION BRANCH.

Chief Commissioner's review of the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23.

No. 231-S.

Dated Mount Abu, the 31st March 1924.

READ—

Memorandum No. 2626-IX-21 (1)-III, dated the 13th February 1924, from the Commissioner of Ajmer-Merwara forwarding the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23, together with the usual appendices.

OBSERVATIONS.

1. The average rainfall during the year 1922-23 was 16.57 inches as against 17.91 inches in 1921-22 and a normal of 21 inches.

2. From an irrigation point of view the year under report was fairly satisfactory, the outturn of Rabi and Kharif harvests being fair. The total gross revenue assessed for the year amounted to Rs. 1,26,769 as compared with Rs. 1,14,812 for 1921-22.

The financial results of the year are tabulated below:—

Sub-Collectorato.	TOTAL CAPITAL OUTLAY INCLUDING DIRECT CHARGES.		GROSS REVENUE COLLECTIONS.			WORKING EXPENSES.			Net Revenue.	Percentage of net revenue on Capital outlay at end of 1922-23.
	During the year.	To end of the year.	Irrigation Revenue.	Miscellaneous receipts.	Total.	Direct.	Indirect.	Total.		
Ajmer . . .	Rs. ...	Rs. 18,61,805	Rs. 47,579	Rs. 2,653	Rs. 50,332	Rs. 65,614	Rs. 3,215	Rs. 68,729	Rs. -18,497	-0.99
Beawar . . .	Rs. ...	Rs. 11,94,229	Rs. 31,331	Rs. 1,745	Rs. 33,076	Rs. 19,222	Rs. 944	Rs. 20,166	Rs. 12,910	1.08
Todgarh . . .	Rs. 1,952	Rs. 4,91,899	Rs. 20,292	Rs. 335	Rs. 20,627	Rs. 35,388	Rs. 1,766	Rs. 37,154	Rs. -16,527	-3.35
Total for 1922-23 . . .	Rs. 1,952	Rs. 95,47,933	Rs. 99,292	Rs. 4,783	Rs. 1,63,935	Rs. 1,20,124	Rs. 5,925	Rs. 1,26,049	Rs. -22,114	-0.62
Total for 1921-22 . . .	Rs. 37,956	Rs. 95,45,951	Rs. 1,07,262	Rs. 6,378	Rs. 1,13,640	Rs. 1,10,206	Rs. 5,093	Rs. 1,15,293	Rs. -1,459	-0.04

Two diagrams of financial and working records are attached.

3. The following table compares the Irrigation revenue assessed for the year 1921-22 with the area irrigated and protected :—

Sub-Collectorate.	Irrigation Revenue assessed.	AREA IN ACRES.			Assessment per acre.
		Irrigated.	Protected.	Total.	
Ajmer	Rs. 37,090	5,953	1,423	7,376	5·02
Beawar	31,046	2,583	5,423	8,006	3·87
Todgarh	20,071	1,288	1,939	3,227	6·21
Total for 1922-23	88,207	9,824	8,785	18,609	4·74
Total for 1921-22	1,08,234	16,660	6,771	23,431	4·61

The Irrigated Revenue assessed includes all assessments due to protected as well as irrigated areas, and also the fixed yearly assessment of

(a) Rs. 35,798 on crops irrigated from wells, and

(b) Rs. 7,395 on account of difference between dry and wet rates.

Of the area irrigated 5,943 acres were cultivated under *Kharif* and 3,881 acres under *Rabi* as compared with 10,168 and 6,492 acres, respectively, in 1921-22.

No remissions were made during the year under report.

The outstanding of revenue demand at the end of 1922-23 aggregated Rs. 22,345.

4. The working expenses were distributed as follows :—

Details of working expenses.	1921-22.	1922-23.	Increase (+) or Decrease (-).	
			Rs.	Rs.
Extensions and Maintenance	70,821	75,962	+5,141	
Establishment	36,939	42,074	+5,135	
Tools and Plant	2,446	1,628	-818	
<i>Sundries.</i>				
Suspense . . . . .	...	541	+541
Deduct—Recoveries on Revenue account . . . . .	...	-81	-81
Leave and Pension allowances	4,385	5,165	+780	
Audit and Account Establishment	708	760	+52	
	1,15,299	1,26,049	10,750	

The working expenses per acre irrigated and protected rose from Rs. 4·92 in 1921-22 to Rs. 6·77 in 1922-23. The increase is due to the area irrigated in 1922-23 being less than that of the previous year by 4,822 acres and to more expenditure to the extent of Rs. 10,750 mainly in the Ajmer and Todgarh Sub-Collectorates.

5. The value of crops raised on 18,609 acres during 1922-23 was estimated at Rs. 6,61,016. The principal crops were cotton, barley, maize, mixed grains and wheat, and their estimated values were Rs. 2,04,211, 1,05,239, 1,47,014, 72,694 and 56,750 respectively.

6. During the year experiments were made to ascertain the outturn of cotton, maize and gujji (barley and wheat) in the Ajmer Tehsil and maize in the Todgarh Tehsil. The results are shown in statement No. VI attached, prescribed under rule 49 of the Irrigation Rules.

Ordered.—That this review, together with the papers read in the preamble, be printed and 12 copies furnished to the Government of India under a covering letter and 2 advance copies each to the Public Works and Revenue and Statistics Departments of the India Office.

H. J. OLIPHANT,

*Secretary to the Hon'ble the Chief Commissioner,
Ajmer-Merwara, in the Public Works Department.*

District or Taluk.		Balance of Kharif		Deductions for the year.		Assessment of the year.		Add amount realized by P.W.D.		Figures for	
Ajmer	33,325	1,899	16,806	56,997	909	1,461	24,888	31,738	969	31,738	969
Beawar	32,720	269	10,468	43,457	... 10,452	... 10,452	10,452	31,738	969	31,738	969
Tadgarh	20,104	... 1,461	... 10,452	24,888	... 4,213	... 4,213	24,888	31,738	969	31,738	969
Total	92,516	2,168	31,738	1,96,422	... 31,738	... 31,738	21,376	31,738	969	31,738	969
Add amount realized by P.W.D.	347	...	347	...	347	...	347	347	347	347	347
Grand Total	92,663	2,168	31,738	1,96,709	969	21,376	32,345	31,738	969	31,738	969
Figures for	1931-32	1,14,813	2,190	30,607	2,168	2,17,015	31,600	32,803	1,13,840	33,758	1,13,840
1932-33	1,12,127	1,320	38,354	1,51,801	2,190	30,607	31,600	32,803	1,13,840	33,758	1,13,840
1933-34	1,12,129	10,760	13,403	1,30,353	1,320	38,353	31,600	32,803	1,13,840	33,758	1,13,840
1934-35	1,12,129	92,388	2,112	62,888	1,47,388	12,500	13,451	26,951	1,21,498	26,951	1,21,498
1935-36	1,12,129	4,014	50,280	1,73,659	2,112	52,888	2,112	52,888	... 44	52,888	2,112
1936-37	1,12,129	1,12,355	4,014	50,280	1,73,659	2,112	52,888	2,112	52,888	55,014	1,17,615

VI. The following table shows the figures of demand, collection and balance of the year 1922-23, as compared with those of the previous five years:—

Years.	Total.	Habdi.	Habri.	Total.	Acres.	Acres.	Acres.	Total.	1922-23	1920-21	1921-22
1922-23	23,431 ^{1/2}	11,836 ^{1/2}	11,962	12,416	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962
1920-21	11,836 ^{1/2}	9,117 ^{1/2}	9,192 ^{1/2}	9,192 ^{1/2}	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962
1921-22	23,431 ^{1/2}	11,836 ^{1/2}	11,962	12,416	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962
1922-23	18,609 ^{1/2}	9,117 ^{1/2}	9,192 ^{1/2}	9,192 ^{1/2}	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962

The figures of Kharif and Rabi cultivation for the two previous years are compared below with those of 1922-23:—

Year.	Acres.	20,161 ^{1/2}	15,581 ^{1/2}	20,161^{1/2}	15,581^{1/2}	20,161^{1/2}	15,581^{1/2}	20,161^{1/2}	15,581^{1/2}	20,161^{1/2}	15,581^{1/2}
1922-23	18,609 ^{1/2}	9,117 ^{1/2}	9,192 ^{1/2}	9,192 ^{1/2}	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962
1920-21	23,431 ^{1/2}	11,836 ^{1/2}	11,962	12,416	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962
1921-22	23,431 ^{1/2}	11,836 ^{1/2}	11,962	12,416	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962
1922-23	18,609 ^{1/2}	9,117 ^{1/2}	9,192 ^{1/2}	9,192 ^{1/2}	23,397	11,962	11,962	12,416	23,431 ^{1/2}	11,836 ^{1/2}	11,962

The area is compared below with the figures of the previous five years as against 23,431 acres in the preceding year.

V. The total acre assessed for both the harvests amounted to 18,609^{1/2} acres.

The decrease is due to insufficiency of water in tanks.

District	Crop Name & Taxes						Total for 1921-22.	Total for 1922-23.
	Estimated Area.	Estimated Value.	Estimated Area.	Estimated Value.	Estimated Area.	Estimated Value.		
Ajmer	Acre.	Rs.	Acre.	Rs.	Acre.	Rs.	2,07,073	2,51,161
Mewara	1,226½	11,102	10,007½	3,32,162	3,76,864	11,233½	7,73,128	7,73,128
Total	1,936½	76,327	16,674½	6,44,688	18,609½	6,61,016	23,131½	30,50,260

XII. Area and value of different kinds of crops.—The total area and estimated value of the produce of 1921-22 are as shown below :—

Area made to ascertain the output of maize, cotton and jutti (barely wheat) were made to ascertain the output of maize, cotton and jutti (barely wheat) and the results are shown in statement VI prescribed under rule 49 of the Irrigation rules.

XI. Experiments cuttings.—During the year under report experiments

in expenses to Rs. 1,26,049, showing a deficit of Rs. 21,625.

X. The actual revenue collected amounted to Rs. 1,04,424 and the work-

15 acres.

The incidence of the working expenses on the area assessed was Re. 1 on

Rs. 33,186.

IX. Percentage on revenue and area assessed.—The working expenses which amounted to Rs. 1,26,049 were more than the gross revenue assessed by Ajmer sub-collectorate.

The expenditure of the year as compared with that of the previous year shows an increase of Rs. 10,750, which is mainly due to higher expenditure in

* Works and repairs	75,962	Establishment	83,803	Tools and plants	1,623	Sundries	460
Total	1,26,049						
(a) Revenue management	8,271	(b) Cost of maintenance	1,11,853	(c) Indirect charges	5,925		

VIII. Working expenses.—The working expenses in accordance with the statement furnished by the Accountant-General, P. W. D., are as follows :—

The details of expenditure in accordance with the statement furnished by the Accountant-General, P. W. D., are as follows :—

as against 1,15,299 in 1921-22 and 1,07,890 in 1920-21.

VII. Remissions.—No remissions were made during the year under

report.

IRRIGATION WORKS IN RAJPUTANA.

Memo. explaining the increase in the working expenses of 1922-23 compared with those of 1921-22.

Working expenses.	1921-22.	1922-23.	Difference between the actuals of 1921-22 and 1922-23.	Explanation of difference.
	Rs.	Rs.	Rs.	
Extensions and maintenance . . .	70,821	75,062	5,141	
Establishment	36,939	42,074	5,135	
Tools and Plant	2,416	1,628	-818	
<i>Sundries :—</i>				
Suspense . . . . .	...	641	641	
Deduct—Recoveries on revenue account.	...	81	81	
Leave and Pensionary charges . .	4,355	5,166	780	
Audit and Accounts Establishment .	708	780	52	
TOTAL . .	1,15,299	1,26,049	10,750	Higher expenditure in Ajmer and Todgarh Sub-Collectorates account for the increase.

B. L. NEHRU,
Deputy Accountant-General,
for Accountant-General, United Provinces.

I.-B.

IRRIGATION BRANCH.

Capital account of Irrigation Works in Rajputana for and to end of the year 1922-23,

Name of work.	DURING THE YEAR.										TO END OF THE YEAR.										INDIRECT CHARGES.	GRAND TOTAL.										
	DIRECT CHARGES,					INDIRECT CHARGES.					DIRECT CHARGES.					INDIRECT CHARGES.																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
A—IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
(2) Unproductive Works.																																
Tanks in Ajmer Sub-Collectorate.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14,63,450	3,08,800	17,325	3,548	167	...	17,93,200	690	17,92,900	20,154	49,351	...	69,505	18,61,805		
Tanks in Bawar Sub-Collectorate.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8,80,050	2,44,776	15,034	...	...	...	11,39,871	396	11,30,475	14,788	39,741	230	54,754	11,94,229		
Tanks in Dodgarh Sub-Collectorate.	...	...	...	...	...	1,952	1,952	...	...	...	...	1,952	1,952	...	...	...	79,916	3,310	...	13,110	4,71,228	...	4,71,228	9,157	11,514	...	20,671	4,91,819				
Total.	...	...	...	...	1,952	1,952	...	...	...	1,952	1,952	...	...	...	...	27,18,382	6,33,524	35,678	3,548	167	18,110	34,04,389	1,356	34,03,003	44,00,11,00,606	230	144,930	35,47,933				

I.-C.

Statement showing the financial results of Irrigation works in Rajputana for the year ending the 31st March 1923.
Realisation under main heads of Revenue and Working Expenses.

Name of work.	REVENUE (ACTUAL RECEIPTS).										WORKING EXPENSES.																		
	IRRIGATION.					DIRECT REVENUE.					MAINTENANCE.					ESTABLISHMENT.													
	Water Power.	Land revenue due to works.	Total	Navigation.	Plantation.	Water Power.	Miscellaneous.	Total	Deduct—Defects.	Gross Receipts less refunds.	Direction.	Executive.	Navigation.	Civil Officers.	Total Management.	Direction.	Executive.	Medical.	Total.	Works.	Repairs.	Snaidries.	Tools and Plant.	Plantation.	Total cost of maintenance.	Indirect charges.	Grand Total Working Expenses.	Net Revenue.	
1. Irrigation Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
2. Irrigation Apparatus, C. & I. P. S. 1922.	6,011	42,163	47,179	...	...	2,633	20,512	20,232	...	3,917	3,917	5,147	13,859	...	18,590	14,250	27,874	461	893	...	61,507	3,215	68,720	-18,497			
3. Irrigation Works.	5,547	35,764	31,301	...	...	1,715	33,076	33,076	...	2,503	2,503	1,411	3,670	...	5,081	1,984	9,583	-23	235	...	10,710	911	20,166	12,910			
4. Irrigation Works.	2,251	17,611	22,862	...	...	333	20,627	20,627	...	1,831	1,831	2,899	7,357	...	10,156	12,055	10,836	...	493	...	33,507	1,766	37,154	-10,527			
5. Irrigation Works.		
TOTAL.	12,479	62,713	62,261	4,573	1,003,935	1,003,935	...	1,003,935	1,003,935	...	8,271	8,271	9,397	21,416	...	33,503	28,159	47,763	460	1,028	...	1,116,633	5,925	1,26,049	-22,714		

B. L. NEHRU,

Deputy Accountant-General,
for Accountant-General, United Provinces.

RAJPUTANA PROVINCE.

Revised statement showing the Financial results of IIT-Gaithorugh

III-C.

Demands and realizations during the year 1922-23 in Ajmer-Merwara District.

Class of works.	Date.	Net due on account of Rate.	Total	DEMANDS OF THE YEAR.			at the balance at commencement of year.	Deduct amount un- claimed at close of the year.		REMARKS.
				Water Revenue.	Share of well assess- ment.	Miscellaneous.	Total.	Due.	Not due.	
CHURK TANKS.										
Ajmer Jhalawar etc.	1,250	£,100	3,497	1,182	1,003	...	...	491	2,879	6,176
Bisara: do. ...	...	2,245	2,245	761	1,024	...	...	459	2,828	5,076
Tolwala: do. ...	1,250	1,250	309	807	...	...	135	1,250	2,480	807
Total	1,250	6,556	6,974	2,211	3,434	...	...	1,052	6,757	13,741
PUNJAB AND RAKHARI AND TAPODA TANKS.										
Ajmer Jhalawar etc.	611	14,007	15,203	13,250	6,670	12,471	3,605	1,603	36,713	61,921
Bisara: do. 269	1,210	1,210	6,770	6,528	10,760	3,301	1,221	29,892	38,331	98,381
Tolwala: do. ...	8,210	8,210	9,378	9,436	12,658	686	19153	22,379	...	3,430
Total	210	25,112	26,922	21,935	17,943	35,798	7,505	3,227	85,769	112,651
GRANARY TANK	1,250	11,250	36,506	23,057	21,377	35,798	7,305	4,309	92,616	1,26,422
										969
										21,376
										1,01,077

* The increase of Rs. 132 as compared with last year's figure is due to the fact that Khatoni of certain villages were revised after submission of the Report.

IV-C.

Statement showing the Financial Result of Irrigation works in Ajmer-Merwara for the Year 1922-23 based on assessment of the year.
Principal results and operations for the year ended 31st March 1923.

Class of Works.	REVENUE ASSESSMENT DURING THE YEAR.										Working Expenses, direct and indirect.	Net assessed revenue of the year.	Percentage on Capital Outlay to end of year.	REMARKS.	
	DIRECT REVENUE.				INDIRECT REVENUE.				Capital outlay (direct and indirectly of year).						
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
CROP TAXES.															
Ajmer Sub-Collectorate	...	2,135	494	2,679	...	...	...	...	2,679	1,358	1,321	...	...
Beawar do.	...	2,375	453	2,828	...	...	...	...	2,828	712	2,116	...	...
Todgarh do.	...	1,115	135	1,250	...	...	...	...	1,250	747	503	...	...
Total	...	5,676	1,082	6,757	...	...	...	...	6,757	2,817	3,940	...	...
FIXED AND VARIOUS ASSESSED OLD TAXES.															
Ajmer	...	2,297	1,808	4,105	16,632	12,471	3,505	32,608	36,713	92	36,641	...	...
Beawar	...	2,784	1,221	4,005	11,814	10,759	3,304	25,887	29,892	139	29,753	...	...
Todgarh	...	1,019	198	1,217	4,793	12,558	586	17,937	19,154	43	18,111	...	...
Total	...	6,100	3,227	9,327	33,239	35,798	7,395	76,432	85,759	274	85,485	...	...
GRAND TOTAL	...	11,775	4,809	16,084	33,239	35,798	7,395	76,432	92,516	3,031	89,425	...	...

I-E.

Statement of Areas Irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

CLASS OF WORKS.	AREAS IRRIGATED AND UNIRRIGATED IN ACRES.								AVERAGE DISCHARGES CUBIC FEET PER SECOND.				AREA'S IRRIGATED PER CUBIC FOOT PER SECOND.										
	Kharif.		Rabi.		Total.		Flow.		Litt.		Double Chopped.		At Head.		Utilised.		Discarded at Head.		Utilised.		Remarks.		
	Unirrigated.	Irrigated.	Unirrigated.	Irrigated.	Total.	Unirrigated.	Irrigated.	Litt.	Acre.	Acre.	Acre.	Acre.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
Clay & Mud Tanks.																							
Ajmer.	440	110	1631	152	401	71	41	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alwar.	1563	1624	3114	2401	5164	471	372	42	610	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner.	72	70	155	1024	4024	32	168	37	905	...	...	...	...	...	...	...	...	...	...	...	...	...
Delhipur.																							
Total	5193	2471	6261	5320	1,9533	4631	5771	120	62	...	...	...	...	...	...	...	...	...	...	...	...	...
PIRE AND VARIOUS ARTIFICIAL TANKS.	31902	222	15181	5061	6,657	5,244	201	1,205	15	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner.	6004	2103	1,2574	2,6231	7,1501	1,374	6591	151	21	...	...	...	...	...	...	...	...	...	...	...	...	...
Tehsil.	621	6781	437	1,1514	2,5171	7621	2341	46	17	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	6,5234	2,9031	2,8422	6,9041	10,6741	7,5511	1,1514	1,401	84	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total	6,943	2,9211	2,951	65,353	15,6004	8,0231	1,7621	1,523	82	...	...	...	...	...	...	...	...	...	...	...	...	...

* The increase of 10.4 acres (unirrigated and utilized area) as compared with Statement III-E is due to the fact that the figures of certain villages were revised and completed after submission of the latter statement.

E. C. GIBSON, I.C.S.,
Commissioner, Ajmer-Merwara.

P. W. D. Statement I-E.

Statement of Areas irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

Name of works.	AREAS IRRIGATED IN ACRES.					AVERAGE DISCHARGE CUBIC FEET PER SECOND.					AREA IRRIGATED CUBIC FEET PER SECOND.					REMARKS. No of cubic ft of stored water used per acre of irrigated area.		
	Double Cropped.		At Head.			Unused.			Discharge at Head.			Utilised.		Unused.				
	Kharif.	Rabi.	Total.	Flow.	Litt.	Area irrigated.	Percentage total area.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Bir.	10 $\frac{1}{4}$	...	10 $\frac{1}{4}$	10 $\frac{1}{4}$	...	...	...	...	...	...	...	...	...	...	...	4 M. Cubic Feet.
Tarot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 $\frac{1}{4}$ 5 " "
Jilla New Tank	32	30 $\frac{1}{2}$	34 $\frac{1}{2}$	...	34 $\frac{1}{2}$	...	...	...	...	...	...	...	...	...	...	Trunk had no water above sluice level and therefore no measurements were taken.
Bird New and Old Tank	17 $\frac{1}{2}$	134	161 $\frac{1}{2}$	63	145 $\frac{1}{2}$	...	...	...	...	...	...	...	...	...	...
Ghitar Tank	2	25	28	...	...	...	...	...	...	...	...	...	...	...	...	$\frac{2.33}{23} = .08$ M. C. feet per acre.

II-E.

Statement showing incidence of Working Expenses and assessed water Revenue on Irrigation works in Ajmer-Merwara, during the year 1922-23.

Class of works.	WATER REVENUE ASSESSED.					Working expenses, Direct and Indirect.	Acreage irrigated during the year.	WATER REVENUE PER ACRE IRRIGATED.			REMARKS.	
	1	2	3	4	5			6	7	8	9	
Chor rate, Tanka.						Rs.	Rs.	Rs.	Acres.	Per cent. on gross Revenue.	Per acre irrigated.	
Ajmer Sub-Collectorate	2,185	494	2,679	1,358	408 $\frac{1}{3}$	50·7	3·3
Bawar	"	2,376	453	2,828	712	419 $\frac{1}{3}$	25·2	1·7
Todgarh	"	1,115	135	1,250	747	230	59·8	3·2
Total	6,076	1,082	6,757	2,817	1,058	41·6	2·7
FIXED AND VARIABLE ASSESSED TANKA.												
Ajmer Sub-Collectorate	2,297	32,008	1,808	36,713	92	6,615	26
Leawar	"	2,754	25,887	1,221	29,692	139	2,153 $\frac{1}{3}$	46
Todgarh	"	1,019	17,937	198	19,154	43	1,058	22
Total	6,100	76,432	8,227	85,769	274	8,766 $\frac{1}{3}$	32
GRAND TOTAL	11,775	76,432	4,309	92,616	3,091	9,824 $\frac{1}{3}$	2·1
												3
												1·2
												7·7

E. C. GIBSON, I.C.S.,
Commissioner, Ajmer-Merwara.

P. W. D. Statement II-E.

Statement showing incidence of Working Expenses and assessed water Revenue on Tanks in Ajmer and Beawar Tahsils for 1922-23.

Name of work.	WATER RATE ASSESSED.								Occupier's RATE.	TOTAL WATER RATE, DIRECT AND INDIRECT.	REMARKS.				
	1	2	3	4	5	6	7	8							
	Occupier's.	Owner's.	Direct.	Indirect.	Total direct and indirect.			Gross assessed revenue from all sources.	Working expenses, direct or indirect.	Area irrigated during the year.	Percentage on gross revenue.	Per acre irrigated.	Per cubic foot per second of discharge of canal head.	Per acre irrigated.	Per cubic foot per second of discharge of canal head.
	Rs. A. P.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Bir	114 0	...	20	...	20	77	148 0 0	10 $\frac{1}{2}$	More than cent per cent.	14.09	...	1.14 0	...	1.14 0	...
Rajosi	12	147 0 0	...	"	...	...	...	...	...	...
Jalna Tank	929	...	922	1,070	232 18 0	151 $\frac{1}{4}$	20.8	1 8 9	...	...	6 2 0	...	...
Baled New and Old Tank.	478	...	478	565	183 13 0	34 $\frac{1}{4}$	32.5	5 4 0	...	...	13 10 0	...	...
Chitar Tank	112	...	112	139	124 14 0	28	89.2	4 7 0	...	...	4 0 0	...	...

IV.-E.

Comparative Statement of Irrigation and Rainfall for the year 1922-1923 in the Ajmer-Merwara District.

CIVIL DISTRICT.	WORKS SUPPLYING IRRIGATION.	AREA IRRIGATED IN ACRES.						RAINFALL INCHES.		
		Total area in acres.	Culturable area in acres.	Cultivated area in acres.	No.	Name	1921-1922.	1922-1923.	1921-1922.	1922-1923.
1	CROP RATE TAXES.									
Ajmer Sub-Collectorate										
Beawar Do.										
Todgarh Do.										
Total										
VARIABLE TANKS.										
Ajmer Sub-Collectorate										
Beawar Do.										
Todgarh Do.										
Total										
Ajmer, Beawar, Todgarh		3,67,531	2,02,789	1,44,708						
Total		7,15,628								
Ajmer, Beawar, Todgarh		2,31,494	57,454	22,481 $\frac{1}{2}$						
Total		3,11,429								
Ajmer, Beawar, Todgarh		1,20,560	43,455	11,711 $\frac{1}{2}$						
Total		1,75,726 $\frac{1}{2}$								
Ajmer Sub-Collectorate										
Beawar Do.										
Todgarh Do.										
Total										
Ajmer, Beawar, Todgarh		12,412	12,916	8,926	3,723	7,647	3,984 $\frac{1}{2}$	566	3,950 $\frac{1}{2}$	
Total		2,818	3,700	2,057 $\frac{3}{4}$	556 $\frac{1}{2}$	3,013	439 $\frac{1}{2}$	948 $\frac{1}{2}$	1,387 $\frac{1}{2}$	
Ajmer, Beawar, Todgarh		740	981	116 $\frac{3}{4}$	134 $\frac{1}{2}$	255 $\frac{1}{2}$	115	194	309	
Total		15,470	17,597	6,089 $\frac{1}{2}$	4,861 $\frac{1}{2}$	10,916 $\frac{1}{2}$	3,938 $\frac{1}{2}$	1,708 $\frac{1}{2}$	5,647	
Ajmer Sub-Collectorate										
Beawar Do.										
Todgarh Do.										
Total										
Grand Total		4,899	5,170	70	80	100	612	982 $\frac{1}{2}$	1,594 $\frac{1}{2}$	
Ajmer, Beawar, Todgarh		8,129	3,300	2,300	475 $\frac{1}{2}$	2,773 $\frac{1}{2}$	467	309	776	
Ajmer, Beawar, Todgarh		1,747	1,957	756 $\frac{1}{2}$	281	1,077 $\frac{1}{2}$	505	221	726	
Ajmer, Beawar, Todgarh		9,745	10,427	3,106 $\frac{1}{2}$	784 $\frac{1}{2}$	3,891	1,584	1,612 $\frac{1}{2}$	3,098 $\frac{1}{2}$	
Ajmer, Beawar, Todgarh		25,215	31,632	10,116 $\frac{1}{2}$	7,418 $\frac{1}{2}$	17,683 $\frac{1}{2}$	5,942 $\frac{1}{2}$	3,865 $\frac{1}{2}$	9,768	

Note.—When a Civil District is irrigated from two or more Irrigation Works, columns 7-14 inclusive should be totalled separately for each Civil District so irrigated.

Statement

Statement of experimental cuttings of crops in Ajmer-Merwara

Tank.	Village.	Name of cultivator.	Harvest and area of field.	Area cent.	Distance of field from tank.	Whether irrigated by lift or flow and number of waterings.	Weight of grain cut.
1	2	3	4	5	6	7	8
AJMER TEHSIL.							
Chat	Chat	Ram Nath, son of Pratap Jat.	Kharif. Cotton field, No. 308, 1 Bigha, $19\frac{1}{2}$ Biswas.	Big. Bis. 1- $19\frac{1}{2}$	About 1,400 feet.	Flow 2 waterings	Mds. s. ch. 8 0 0
Do.	Do.	Chhogu, son of Parsa Balai.	Rabi. Gujji field, No. $\frac{197}{19}$, 2 Bighas, 18 Biswas.	2-18	In the bed of tank.	Agor (bed)	7 0 0
Jagpura	Jagpura	Sanota, son of Ghisa Jat.	Kharif. Maize field, No. 343, 1 Bigha, 5 Biswas.	1-5	About 300 feet.	Flow 1 watering	5 0 0
Do.	Do.	Dova, son of Jai Ram Balai.	Kharif. Cotton field, No. 375, 1 Bigha, $5\frac{1}{2}$ Biswas.	1- $5\frac{1}{2}$	About 400 feet.	Flow 2 waterings	4 0 0
Nirjaran	Nirjaran	Magna, son of Gaisha Khati.	Kharif. Cotton field, No. 473, 2 Bighas.	2-0	About 1,000 yds.	Flow 1 watering	8 0 0
Do.	Do.	Sawai, son of Gudha Gujar.	Kharif. Maize field, No. 793, 3 Bighas, $5\frac{1}{2}$ Biswas.	3- $5\frac{1}{2}$	About 800 yds.	Flow 1 watering	20 0 0
BEAWAB TEHSIL.							
<i>Nil.</i>							
TODGARH TEHSIL.							
Nadinala	Barar	Lala, son of Jassa	Kharif. Maize field, 1 Bigha, 4 Biswas.	0-5	410 yards.	Flow 1 watering	205 lbs.

VII.

during 1922-23,—Fasli 1330.

Weight of straw cut.	PRODUCES PER ACRE.		VALUE PER ACRE.			Deduct expenditure.	Profit.	REMARKS.			
	Grain.	Straw.	Grain.	Bhusa.	Total.						
9	10	11	12	13	14	15	16	17			
Mds. a. ch.	Mds. a. ch.	Mds. a. ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.			
... 13 0 0	...	13 0 0	166 0 0	...	166 0 0	95 0 0	61 0 0				
7 0 0	6 0 0	6 0 0	24 0 0	3 0 0	27 0 0	21 0 0	3 0 0				
3 20 0	10 0 0	7 0 0	30 0 0	5 0 0	35 0 0	31 0 0	4 0 0				
...	8 0 0	...	96 0 0	...	96 0 0	65 0 0	31 0 0				
...	10 0 0	...	120 0 0	...	120 0 0	85 0 0	35 0 0				
20 0 0	15 0 0	16 0 0	45 0 0	5 0 0	50 0 0	36 0 0	14 0 0				
348 lbs.	2,050 lbs.	3,489 lbs.	76 0 0	8 0 0	83 0 0	25 0 0	58 0 0				

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